

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No. : **10/696,860**  
Filed : **October 30, 2003**  
Applicant : **Lieuwen, et al.**  
Title : **Systems and Methods for Detection and Control of Blowout  
Precursors in Combustors Using Acoustical and Optical Sensing**

TC/AU : 3746  
Examiner : Freay, Charles Grant  
Confirmation No. : 8067

Docket No. : 17625.0062  
Customer No. : 29052

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir or Madam:

Responsive to the Non-final Office Action mailed December 14, 2007, the Applicants submit the following Amendment and Response. The Applicants respectfully assert that all of the claims of the Application as hereby amended are patentable over the cited references, and respectfully request that the Application be allowed.

**Amendments to the Specification** begin on page 2 of this paper.

**The Claims** are reflected in the listing of claims, which begin on page 3 of this paper.

**Remarks** begin on page 10 of this paper.